Table 2 Growth performance, feed utilization and survival rate of juvenile Red tilapia *Oreochromis mossambicus* x *O. niloticus* (initial weight 0.9 g/fish) fed the experimental diets for 12 weeks.   Values are mean $\pm$ SD. Values followed by the same superscript letters in the same row are not significantly different ($P > 0.05$)

Items	Feeding rate (%)			
	1%	3%	5%	7%
IBW (g) [1]	0.9± 0.01	0.9± 0.01	0.9± 0.01	0.9± 0.01
FBW (g) [2]	1.47±0.06^d	2.43±0.06^c	3.93±0.15^a	3.63±0.12^b
WG (g) [3]	0.57±0.06^d	1.52±0.07^c	3.03±0.15^a	2.73±0.12^b
WG (%) [4]	63.3±6.4^d	169.0±8.2^c	337.7±17.3^a	218.3±12.7^b
SGR (%) [5]	0.58±0.05^d	1.18±0.04^c	1.76±0.05^a	1.66±0.03^b
FI (g) [6]	0.81±0.03^d	2.99±0.02^c	5.23±0.30^b	7.50±0.28^a
FCR [7]	1.43±0.15^a	2.00±0.10^c	1.73±0.06^b	2.73±0.15^d
FER [8]	0.70±0.06^a	0.51±0.02^c	0.58±0.02^b	0.36±0.03^d
PER [9]	2.10±0.16^a	1.50±0.07^c	1.71±0.05^b	1.10±0.07^d
Survival (%) [10]	70.7±8.1^a	82.0±10.1^a	95.7±7.5^a	85.7±12.5^a

Note: [1]: IBW (g) = initial body weight (g/fish); [2]: FBW (g) = final body weight (g/fish); [3]: WG (g), weight gain (g/fish) = FBW (g) -IBW (g); [4]: WG(%), weight gain % = [FBW –   IBW] $\times 100$/ IBW); [5]: FI (g), = amount of feed intake (g/fish); [6]: Feed conversion ratio (FCR) = dry feed consumed/WG(g); [7]: Feed efficiency ratio(FER)=WG/ dry feed consumed); [8]: Protein efficiency ratio (PER)= (WG (g)/protein intake (g)); [9]: Specific growth rate (SGR day^{-1})= [ln final BW – ln initial BW] $\times 100$/days); [10]: Survival % =([no. of fish at the end of the experiment/no. of fish at the beginning of the experiment] $\times 100$)